Components of Data Processing
Central Processing Unit

- **Primary Storage Unit**
  - Holds instructions, data, and intermediate and final results
  - A reusable, fast storage medium, directly accessible by the control unit
  - Each storage cell is capable of storing one bit of data
Memory Subsystems

• Also known as the “Secondary storage”, allows for extra data storage, exceeding the CPU’s primary storage.

• An efficient and compact means of sorting large amount of data, ready for retrieval time is slower than primary storage.

• Retrieval time is slower than primary storage.
STORAGE COMPONENTS

• Mass Storage Devices
  – Memory Card
    • It is an electronic flash memory data storage device used for storing digital information
    • They are commonly used in many electronic devices, including digital cameras, mobile phones, laptop computers, MP3 players, and video game consoles
    • They are small, re-recordable, and able to retain data without power